

INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/KR2005/000138

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04L 12/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04L, H04M H04Q, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for Inventions since 1975

Korean Utility models and applications for Utility models since 1975.

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002-35626 A1 (Yasushi Higuchi) 21 MAR 2002 see the whole documents	1
A	JP 15296206 A2 (RICOH Co LTD) 17 OCT 2003 see the whole documents	1
A	JP 08102756 (FUJITSU LTD) 16 APR 1996 see the whole documents	1
A	WO 04/30277 A3 (BLACKMORE ANDREW) 8 APR 2004 see the whole documents	1
A	JP 11004222 (NEC Corp) 6 JAN 1999 see the whole documents	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

22 FEBRUARY 2005 (22.02.2005)

Date of mailing of the international search report

24 FEBRUARY 2005 (24.02.2005)

Name and mailing address of the ISA/KR


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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/000138

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 11004222	6 JAN 1999	NONE	
WO 04/30277 A3	8 APR 2004	GB 200222549 A0 AU 2003283678 A1	6 NOV 2002 19 APR 2004
JP 08102756	16 APR 1996	JP 3293719 B2	17 JUN 2002
JP 15296206 A2	17 OCT 2003	NONE	
US 2002-35626 A1	21 MAR 2002	JP 14101098 A2 AU 200175571A1	5 APR 2002 28 MAR 2002